

DOCKET NO: PHRM0041-100/00125US1
Serial No.: 09/838,028

PATENT
FILED: APRIL 19, 2001

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Please amend claims 31 and 87.

Please cancel claims 1-29, 34, 36-81, 85, and 86.

STATUS OF CLAIMS

Claims 1-30 (canceled).

Claim 31 (currently amended) An isolated polypeptide, wherein said polypeptide comprises a ~~fragment of a polypeptide with a~~ sequence selected from the group consisting of SEQ ID NO: 2 and SEQ ID NO:4 ~~or a fragment thereof~~.

Claims 32-33 (canceled)

Claim 34 (canceled)

Claim 35 (previously presented) A composition comprising a polypeptide of claim 31 and an acceptable carrier or diluent.

Claims 36-81 (canceled).

Claim 82 (previously presented) The polypeptide of claim 31 wherein said wherein said amino acid sequence is at least 95% homologous to SEQ ID NO:2.

Claim 83 (previously presented) The isolated polypeptide of claim 31, wherein said polypeptide is a seven transmembrane receptor.

Claim 84 (previously presented) The isolated polypeptide of claim 83, wherein said seven transmembrane receptor is a G-protein coupled receptor.

DOCKET NO: PHRM0041-100/00125US1
Serial No.: 09/838,028

PATENT
FILED: APRIL 19, 2001

Claim 85-86 (canceled)

Claim 87 (currently amended) A purified and isolated polypeptide encoded by a polynucleotide comprising a nucleotide sequence wherein said polynucleotide hybridizes to the nucleotide sequence set forth in SEQ ID NO: 1 or SEQ ID NO:3 or the noncoding strand complementary thereto, under ~~stringent~~ the following hybridization conditions :

a) hybridization for 16 hours at 42°C in a hybridization solution comprising 50% formamide, 1% SDS, 1 M NaCl, 10% dextran sulfate and

(b) washing 2 times for 30 minutes at 60°C in a wash solution comprising 0.1x SSC and 1% SDS;

with the provision that the polynucleotide comprises a nucleotide sequence that differs from the sequence set forth as SEQ ID NO: 1 or SEQ ID NO: 3 and from its complementary strand by at least one nucleotide.

Claim 88 (previously presented) The polypeptide of claim 87, wherein said polypeptide is a seven transmembrane receptor.

Claim 89 (previously presented) The polypeptide of claim 88, wherein said seven transmembrane receptor is a G-protein coupled receptor.